

Appln. No. 10/795,970
Amendment dated April 16, 2007
Reply to Office Action mailed November 16, 2006

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the Application.

Listing of Claims

1. (Currently Amended) A safety syringe and cap holding device comprising:
 - a syringe having a body portion and a needle assembly interconnected with the body portion, the needle assembly including a needle with an injection end and a hub,
the hub including at least one recess disposed annularly about the hub;
a cover removably attached to the hub and covering the injection end of the needle,
the cover including at least a pair of opposing protrusions for engagement with the at least one recess of the hub;
a cap holding device having a receptacle for receiving the cover; and
means in the cap holding device for disengaging the cover from the hub and retaining the cover in the cap holding device to allow the syringe and needle assembly to be withdrawn from the cap holding device with the injection end of the needle uncovered while the cover remains in the cap holding device.
2. (Canceled)

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3. (Canceled)

4. (Currently Amended) The apparatus of claim [[3]] 1, wherein the means for disengaging the cover comprises a linkage system in the cap holding device for moving the at least one protrusion pair of opposing protrusions out of engagement with the at least one recess for disengaging the cover from the hub.

5. (Currently Amended) The apparatus of claim 4, wherein the linkage system comprises one or more hooks for engaging one or more handles on the cover for disengaging the at least one protrusion pair of opposing protrusions away from the at least one recess to disengage the cover from the hub.

6. (Previously Presented) The apparatus of claim 4, wherein the linkage system is actuated remotely from the cap holding device.

7. (Currently Amended) A safety syringe and cap holding device comprising: a syringe having a body portion and a needle assembly interconnected with the body portion, the needle assembly including a needle and a hub, the hub comprising at least one recess disposed annularly about the hub; a cover removably attached to the hub and covering the needle, the cover comprising at least one protrusion for engagement with the at

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~~least one recess of the hub; a housing having a receptacle for receiving the cover; and means in the housing for disengaging the cover from the hub to allow the syringe and needle assembly to be withdrawn from the housing for use while the cover remains in the housing.~~ The apparatus of claim 4, wherein the means for disengaging the cover comprising comprises one or more solenoids in the housing cap holding device for moving one or more hooks for engaging one or more handles on the cover for disengaging the at least one protrusion pair of opposing protrusions from the at least one recess to disengage the cover from the hub.

8. (Currently Amended) The apparatus of claim 7, wherein the plurality of solenoids are actuated remotely from the housing cap holding device.

9. (Previously Presented) The apparatus of claim 1, further comprising means in the cap holding device for selectively retaining or releasing the cover from engagement within the cap holding device.

10. (Currently Amended) The apparatus of claim 9, wherein the means for selectively retaining or releasing the cover comprises a linkage system in the cap holding device for engaging and disengaging a tip of the cap cover.

11. (Previously Presented) The apparatus of claim 9, wherein the means for selectively

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retaining or releasing the cover comprises one or more solenoids having one or more hooks for engaging and disengaging the cap in the cap holding device.

12. (Previously Presented) The apparatus of claim 9 wherein the cap holding device comprises a weighted base.

13-21. (Canceled)

22. (New) A safety syringe and cap holding device comprising:

a syringe having a body portion and a needle assembly interconnected with the body portion, the needle assembly including a needle with an injection end and a hub;

a cover removably attached to the hub and covering the injection end of the needle, the cover including one or more handles corresponding to one or more internally facing protrusions;

a cap holding device having a receptacle for receiving the cover; and

means in the cap holding device for disengaging the cover from the hub and retaining the cover in the cap holding device to allow the syringe and needle assembly to be withdrawn from the cap holding device with the injection end of the needle uncovered while the cover remains in the cap holding device, the means for disengaging the cover comprising one or more hooks in the receptacle for engaging the one or more handles to move the one or more internally facing protrusions from the

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hub.

23. (New) The apparatus of claim 22, wherein each of the one or more hooks is substantially oval and includes an interior opening.

24. (New) The apparatus of Claim 23, wherein the cover including at least a pair of opposing handles.

25. (New) The apparatus of Claim 22, wherein the one or more hooks is sized to extend through the one or more handles.

26. (New) A safety syringe and cap holding device comprising:

a syringe having a body portion and a needle assembly interconnected with the body portion, the needle assembly including a needle with an injection end and a hub;

a cover removably attached to the hub and covering the injection end of the needle;

a cap holding device comprising a housing having a receptacle for receiving the cover;

means in the cap holding device for disengaging the cover from the hub and retaining the cover in the cap holding device to allow the syringe and needle assembly to be withdrawn from the cap holding device with the injection end of the needle uncovered while the cover remains in the cap holding device; and

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an actuator positioned remotely from the housing for actuating the cap holding device.

27. (New) The apparatus of Claim 26, wherein the actuator is not integrally attached to the housing.